REMARKS

<u>CLAIM REJECTIONS AND OBJECTIONS</u>

Claim 20 stands rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the enablement requirement.

Claim 23 is objected to because of a grammatical error on line 6. Claim 23 has been appropriately corrected.

Claim 24 has been amended to add a period at the end of the sentence.

<u>ALLOWABLE CLAIMS</u>

Claims 1-19, 21-22 and 24 have been allowed.

Claim 23 would be allowed if the grammatical error is corrected. Claim 23 has been corrected.

Claims 23 and 24 have been amended.

<u>OBJECTION TO THE TITLE</u>

The Examiner has indicated that the title of the invention is not descriptive. The title has been amended accordingly.

<u>OBJECTIONS TO THE DRAWINGS</u>

The Examiner has objected to the drawings in general, stating that the drawings are informal. In particular, the Examiner has objected to Figure 1, stating that Figure 1 has not been labeled as prior art, and that reference numeral 108 is

shown in duplicate. In addition, the Examiner has objected to the drawings, stating that Figure 4d is missing.

In response to the Examiner's objections, corrected drawings have been submitted on the attached replacement sheets. In general, the corrected drawings have been corrected to include proper reference numerals. In addition, Figure 1 has been labeled as prior art, and duplicate reference numeral 108 has been removed. Finally, the specification has been amended to remove all references to missing Figure 4d.

OBJECTION TO THE SPECIFICATION

The Examiner has objected to the Specification, stating that pages 2 and 3 include references to "external test solution 106," which cannot be found in the Figures. Paragraphs 4 and 6 on pages 2 and 3 of the specification have been amended to remove the reference number 106.

OBJECTION TO THE CLAIMS

The Examiner has objected to claim 23 because of a grammatical error. Claim 23 has been amended to correct the grammatical error.

REJECTIONS UNDER 35 U.S.C. § 112, FIRST PARAGRAPH

The Examiner has rejected claim 20 under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement.

Claim 20 states:

A memory compiler, comprising:

a machine-readable medium that stores instructions, which when executed by a machine, causes the machine to generate the apparatus of claim 10.

(Claim 20).

Support for claim 20 can be found in paragraphs 93 and 94 of Applicant's

Specification, which state:

> [0093] The sequence of operations for the algorithms may be stored in a machine-readable medium. A machine-readable medium includes any mechanism that provides (i.e., stores and/or transmits) information in a form readable by a machine (e.g., a computer). For example, a machine-readable medium includes read only memory (ROM); random access memory (RAM); magnetic disk storage media; optical storage media; flash memory devices; electrical, optical, acoustical or other form of propagated signals (e.g., carrier waves, infrared signals, digital signals, etc.). A memory compiler may utilize a machine-readable medium that stores instructions, which when executed by a machine, causes the machine to generate any of the apparatuses or methods described above.
> [0094] A memory compiler may be application-specific and are used by system IC integrators to rapidly create hundreds of silicon-proven memory cores. An embedded memory compiler may include redundancy to ensure high yield of SRAM memory blocks in system-on-chip (SOC) designs. The memory compiler allows customers to embed a number of SRAM memory blocks, such as one megabit or more, into SoC designs without sacrificing area, speed or power while improving yield.

(Applicant's Specification, Paragraphs 93 and 94).

Applicant submits one skilled in the art will recognize and understand how a

memory compiler, when executing on a machine, may cause the machine to

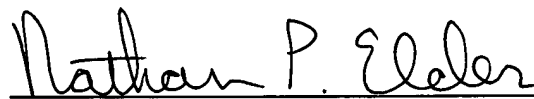generate the apparatus claimed in claim 10.

Conclusion

It is respectfully submitted that in view of the amendments and remarks set

forth herein, the rejections and objections have been overcome. Applicants reserve

all rights with respect to the application of the doctrine of equivalents. If there are any additional charges, please charge them to our Deposit Account No. 02-2666. Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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Nathan P. Elder
Reg. No. 55,150

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 947-8200

Amendments to the Drawings:

Corrected drawings have been included in the attached replacement sheets. In general, reference numbers have been replaced in all drawings. In addition, in Figure 1, the label "(Prior Art)" has been added, and the duplicate reference number 108 has been removed. All replacement sheets, which have been marked accordingly, replace all previously submitted drawings.

Attachment: Replacement Sheets for all Figures